## Index of Claims

| A | ppl | ica | tion | /Con | ıtrol | No. |
|---|-----|-----|------|------|-------|-----|
|---|-----|-----|------|------|-------|-----|

10/542,214

Examiner

Date

Charanjit S. Aulakh

Applicant(s)/Patent under Reexamination

ASHTON ET AL.

Art Unit

1625

| √ | Rejected |
|---|----------|
| = | Allowed  |

| -  |   | (Through numeral)<br>Cancelled |
|----|---|--------------------------------|
| ſ. | + | Postricted                     |

Claim

| N | Non-Elected  |  |
|---|--------------|--|
|   | Interference |  |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | Date                 |           |          |          |            |  |              |              |          |          |
|----------|----------------------|-----------|----------|----------|------------|--|--------------|--------------|----------|----------|
| Final    | Original             | 5/17/07   |          | :        |            |  |              |              |          |          |
| 1        | 1                    | =         | Г        | -        | _          | t  |              |              |          | П        |
| 2        | 2 3                  | =         |          |          | ·          |  |              |              |          |          |
| 3        | 3                    | =         |          |          |            |  |              |              |          |          |
| 4        | 4                    | =         |          |          |            |  |              |              |          |          |
| 5        | 5                    | =         |          |          |            |  |              |              |          |          |
| 6        | 6                    | =         |          |          |            |  |              |              |          |          |
| 7        | 7                    | =         |          |          |            |  |              |              |          |          |
| 8        | 8                    | =         |          |          |            |  |              |              |          |          |
| 9        | 9                    | =         | <u>_</u> |          |            |  |              |              | L        | Ш        |
| 10       | 10                   | =         |          | <u> </u> |            |  |              | $oxed{\Box}$ | L        | Ш        |
| 11       | 11                   | 트         | <u> </u> | _        | L          | L  | _            | <u> </u>     | <u> </u> | Ш        |
| 12       | 12                   | =         | <u> </u> |          |            | _  |              | <u> </u>     | _        | Щ        |
| 13       | 11<br>12<br>13<br>14 | ᆖ         | <u> </u> | <u> </u> | lacksquare | <u> </u>   | $oxed{oxed}$ | <u> </u>     | <u> </u> | Щ        |
| 14       | 14                   | 트         | <u> </u> | <u> </u> | <u> </u>   | _  | <u> </u>     | <u> </u>     |          | Щ        |
| 15       | 15                   | =         | <u> </u> | _        | $\vdash$   | _  | <u> </u>     | <u> </u>     | <u> </u> |          |
| 16       | 16                   | =         | <u> </u> | <u> </u> | <b> </b>   | <u> </u>   | <u> </u>     | ↓_           | _        | Щ        |
| 17       | 17                   | =         | <u> </u> | <u> </u> |            | <u> </u>   | L            | <u> </u>     | <u> </u> |          |
| 18       | 18<br>19             | Ξ         | <u> </u> | L        |            | <u> </u>   | L            | L            | L        | Ш        |
| 19       | 19                   | =         | <u> </u> | _        | _          | L  | _            | <u> </u>     | ╙        | Ш        |
| 20       | 20                   | 트         | <u> </u> | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>     | _        | Ш        |
| 21       | 21                   | =         | ļ        | <u> </u> | L.         | L.   |              | <u> </u>     | _        | Н        |
| 22       | 22<br>23             | =         | L        | ⊢        | <u> </u>   |  | _            | -            | _        | $\vdash$ |
| 23       | 23                   | =         |          | ┡        | <u> </u>   | ├  | <u> </u>     | <u> </u>     | _        | Н        |
| 24<br>25 | 24<br>25             | =         |          | ⊢        |            | -  | ├—           | <u> </u>     | H        | Н        |
| 25       | 25                   | ┡         | ⊢        | ⊢        | <u> </u>   | <del> </del>                                     |              | ⊢            | ⊢        | Н        |
| 26       | 26                   | =         | $\vdash$ | <u> </u> | -          | -  | $\vdash$     | $\vdash$     | -        | $\vdash$ |
| 27<br>28 | 27<br>28             | =         | _        |          | -          | -  | -            | ├            | -        | Н        |
| 29       | 29                   | ┞ <u></u> | -        |          | ├—         | -  | ⊢            | _            | $\vdash$ | Н        |
| 30       | 30                   | -         |          | -        | -          | <del> </del>                                     | <del> </del> | ⊢            | _        | H        |
| 31       | 31                   | -         |          | $\vdash$ | ⊢          | ├  |              | -            | -        | Н        |
| 32       | 32                   | H         | _        | Н        | $\vdash$   | _  |              | ├            | -        | Н        |
| 33       | 33                   | $\vdash$  |          | $\vdash$ | -          |  | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ |
| 34       | 34                   | Н         | $\vdash$ | -        | -          | -  | ├            | $\vdash$     | $\vdash$ | $\dashv$ |
| 35       | 35                   | $\vdash$  | -        | $\vdash$ | _          | $\vdash$   | $\vdash$     | <del> </del> | $\vdash$ | $\vdash$ |
| 36       | 36                   |           | <u> </u> |          | -          | ┢  | $\vdash$     | 一            | $\vdash$ | $\vdash$ |
| 37       | 37                   | М         |          |          | H          | 一  | $\vdash$     | $\vdash$     | Н        | $\dashv$ |
| 38       | 38                   | -         |          |          |            | T  | <u> </u>     | -            |          | Н        |
| 39       | 39                   |           |          |          | _          |  | $\vdash$     |              |          | H        |
| 40       | 40                   |           |          |          | · · · ·    | <del>                                     </del> | $\vdash$     | T            | $\vdash$ | $\vdash$ |
| 41       | 41                   |           |          |          |            | Г  |              |              | П        |          |
| 42       | 42                   |           |          |          |            |  |              | Г            |          | П        |
| 43       | 43                   |           |          |          |            |  |              |              |          |          |
| 44       | 44                   |           |          |          |            |  |              |              |          |          |
| 45       | 45                   |           |          |          |            |  |              |              |          |          |
| 46       | 46                   |           |          |          |            |  |              |              |          |          |
| 47       | 47                   |           |          |          |            |  |              |              |          |          |
| 48       | 48                   |           |          |          |            |  |              |              |          |          |
| 49       | 49                   |           |          |          |            |  |              |              |          | Ш        |
| 50       | 50                   |           |          |          |            |  |              |              |          | Ш        |

|             |  | -        | _        | _  | _        |            | <del>-</del>                                     | _  | _            |                 |
|-------------|--|----------|----------|--|----------|------------|--|--|--------------|-----------------|
| Final       | Original                                     | 2/17/07  |          |  |          |            |  |  |              |                 |
| 51          | 51   | =        |          | ┪  | T        | -          |  | -  |              | 一               |
|             | 52   |          |          | T-   |          |            |  |  |              |                 |
| 52          | 52<br>53<br>54<br>55                         | =        |          |  |          |            |  |  | Т            | Г               |
|             | 54   | $\vdash$ |          | $\vdash$   | T        |            |  | Н  | $\vdash$     | 一               |
|             | 55   | $\vdash$ |          | ┢  | $\vdash$ | $\vdash$   |  | H  | H            | $\vdash$        |
|             | 56   | -        |          | <del>                                     </del> | $\vdash$ | $\vdash$   | -  | ├-   | ╁            |                 |
|             | 57   | -        |          | -  | -        | -          |  |  | ┢            | H               |
|             | 58   | -        | -        | ├  | ├        | ╌          | ⊢  | -  | ├            | $\vdash$        |
| -           | 50   | H        |          | ├  | ├        | ├─         |  |  | ⊢            | $\vdash$        |
|             | 59   | H        | _        | -  |          | ⊢          |  | <u> </u>   | ⊢            | -               |
| _           | 60   |          | -        | <del> </del>                                     | -        | <u> </u>   | <u> </u>   | -  | <u> </u>     |                 |
|             | 61   | L        | <u> </u> | <u> </u>   | _        | ⊢          | L  |  | . :          |                 |
| <u> </u>    | 62<br>63                                     | <u> </u> | _        | ļ  | L        | ļ          | <u> </u>   | <u> </u>   | <u> </u>     | L               |
| ļ           | 63   |          | _        | _  | <u> </u> | <u> </u>   | 1_   | <u> </u>   |              | <u> </u>        |
| <u> </u>    | 64   | <u> </u> |          | _  | _        | _          | Щ  | Щ  | 乚            | <u> </u>        |
| <u></u>     | 65   |          | <u> </u> |  |          | _          | _  | Щ  | <u>L</u>     | <u>L</u>        |
| <u></u>     | 66   |          | _        |  |          |            |  |  |              | L               |
|             | 67   |          |          |  |          |            |  |  |              |                 |
|             | 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75 |          | L        |  | L        |            |  | L  |              |                 |
|             | 69   |          |          |  |          | Г          |  |  |              |                 |
|             | 70   |          |          |  |          |            |  |  |              |                 |
|             | 71   |          |          |  |          |            |  |  |              |                 |
|             | 72   |          |          |  |          |            |  |  |              |                 |
|             | 73   |          |          |  |          |            |  |  |              |                 |
|             | 74   |          |          |  |          | <b>!</b> — | $\vdash$   | Т  |              | П               |
|             | 75   |          |          |  |          |            |  |  |              | <b>—</b>        |
|             | 76<br>77                                     |          |          |  |          |            |  | _  |              |                 |
|             | 77   |          |          |  | 1        |            |  | Г  | _            |                 |
|             | 78   |          |          |  | -        |            | Г  | $\vdash$   | $\vdash$     |                 |
|             | 79   |          |          |  |          | _          | _  |  | $\vdash$     |                 |
|             | 80   |          | _        |  | $\vdash$ | $\vdash$   | _  | <del>                                     </del> | -            |                 |
|             | 81   | Н        |          | -  | -        | $\vdash$   | <del>                                     </del> | H  | ┢            | Н               |
| <u> </u>    | 82   | $\vdash$ | -        | $\vdash$   | $\vdash$ | $\vdash$   | <del>                                     </del> |  | $\vdash$     | Н               |
| <b></b>     | 82<br>83                                     | Н        | -        | <del>                                     </del> | $\vdash$ | $\vdash$   | $\vdash$   | -  | -            | Н               |
| <b></b>     | 84   | Н        |          | ┝  | $\vdash$ | $\vdash$   |  | $\vdash$   | $\vdash$     | Н               |
| <del></del> | 85   | H        |          |  | $\vdash$ | <u> </u>   | -  | -  | $\vdash$     | $\vdash$        |
|             | 86   | $\vdash$ | _        |  | $\vdash$ | $\vdash$   |  | $\vdash$   | $\vdash$     | $\vdash$        |
| $\vdash$    | 87   | Н        |          | $\vdash$   | $\vdash$ | ⊢          |  | $\vdash$   | -            | $\vdash \vdash$ |
| <del></del> | 88   | $\vdash$ |          | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | -  | $\vdash$     | Н               |
| -           | 89   | $\dashv$ |          | $\vdash$   | -        | $\vdash$   | $\vdash$   | $\vdash$   |              | Н               |
| $\vdash$    |  | $\vdash$ |          | $\vdash$   | ├        | H          | <u> </u>   | -  | ├            | Н               |
| -           | 90<br>91                                     |          |          | -  | ├        | $\vdash$   | <u> </u>   |  | -            | $\vdash$        |
| <u> </u>    | 92   | $\vdash$ |          | _  |          |            | -  | <u> </u>   | _            | $\vdash$        |
| <b>—</b>    | 93   |          |          | ļ  | -        | $\vdash$   |  | <u> </u>   | μ.           | Н               |
| <b></b>     | 93   |          |          | <u> —                                   </u>     | H        | -          | <u> </u>   |  | <del> </del> | $\vdash$        |
| $\vdash$    | 94   | $\vdash$ |          | _  | <u> </u> | L          | Ш  | H  | $\vdash$     | $\vdash \vdash$ |
| <u> </u>    | 95   |          |          | <u> </u>   | $\vdash$ | <u> </u>   | _  | ļ <u>.</u>                                       | _            | $\vdash$        |
| $\vdash$    | 96   |          |          | <u> </u>   | <u> </u> |            |  |  | $\vdash$     | $\sqcup$        |
|             | 97   | $\dashv$ |          | _  |          |            |  |  | Ш            | $\vdash \vdash$ |
|             | 98   |          | _        |  |          |            |  |  |              | $\vdash \dashv$ |
| <u> </u>    | 99   | _        | $\dashv$ | -  |          | Щ          |  |  | _            | Ш               |
| Щ.          | 100  |          |          |  |          |            |  |  |              | ╙               |

| Cl       | Date  |          |          |   |              |            |          |              |              |          |
|----------|---|----------|----------|---|--------------|------------|----------|--------------|--------------|----------|
|          | _   |          |          | Г   |              |            |          |              | 1            |          |
| _        | Original  |          |          |   |              |            |          |              | ł            |          |
| Final    | <u>:</u>  |          |          |   |              |            |          |              | l            |          |
| -        | 0   |          |          |   |              | ŀ          | l        |              |              | 1 1      |
| <u> </u> | 101   |          | $\vdash$ | -   | -            | ┢          | $\vdash$ | ┼            | -            | $\vdash$ |
|          | 101<br>102  | $\vdash$ | $\vdash$ | $\vdash$  | ⊢            | $\vdash$   | ⊢        | ├            | ┝            | Н        |
|          | 102   | <u> </u> | <u> </u> | -   | ⊢            | -          | ⊢        | $\vdash$     | -            | $\vdash$ |
|          | 103<br>104<br>105   | _        | _        | $\vdash$  | -            |            | ⊢        | ⊢            | -            | Н        |
|          | 104   | <u> </u> |          | <u> </u>  | <del> </del> | ⊢          | ⊢        | $\vdash$     | _            |          |
| <u> </u> | 105   |          | _        |   | ļ            | ļ          | _        | <b>!</b>     | <u> </u>     | Ш        |
|          | 106   |          |          | _   | <u> </u>     | _          | ļ        | <b> </b>     | <u> </u>     | Ш        |
|          | 107   |          |          |   |              | <u> </u>   | ᆫ        | ㄴ            | _            | Щ        |
|          | 108   |          | _        | _   | Ļ            | L          | <u> </u> | 匚            | <u> </u>     | Щ        |
|          | 109   |          |          | _   |              | _          | _        | <u> </u>     | _            | Ш        |
|          | 110   |          |          | L   | L            | L_         | L.       | _            | _            |          |
| L        | 111   |          | L        | $ldsymbol{ld}}}}}}$ | L            |            |          | $oxed{oxed}$ | _            |          |
| <u> </u> | 112   |          | L        | _   |              | <u>L</u> . | L        |              |              |          |
|          | 113   |          |          |   |              |            |          |              | L            |          |
|          | 114   |          |          |   |              |            |          |              |              |          |
| L        | 115   |          |          |   |              |            |          |              |              |          |
|          | 116   |          | П        |   |              |            |          |              |              |          |
|          | 106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |          |          | T   |              | Γ          | Г        | Г            | Г            | П        |
|          | 118   |          |          |   | Г            | Г          |          |              | Г            | М        |
|          | 119   |          |          |   | 1            |            |          | $\vdash$     | _            | Н        |
|          | 120   |          |          |   | _            |            | -        | ┢            | $\vdash$     | Н        |
|          | 121   | _        |          |   | $\vdash$     | $\vdash$   | -        | $\vdash$     | _            | Н        |
|          | 122   | _        |          | $\vdash$  | ┝            | ┢          |          |              | -            | Н        |
| <u> </u> | 123   | _        |          | -   | -            | -          |          |              | $\vdash$     | ├─┤      |
| ·        | 124   | _        | -        | -   | ┢            | $\vdash$   |          |              | -            | Н        |
|          | 125   |          | _        | H   |              | -          | ┝        | <del> </del> |              | Н        |
|          | 126   |          |          | _   |              | ┝          |          |              | -            | Н        |
|          | 127   | -        | _        | $\vdash$  | ┝            | -          | -        | <del> </del> | -            | Н        |
|          | 127   |          |          |   | _            | ⊢          | ├        | -            | _            | Н        |
| -        | 120   |          |          | $\vdash$  | -            | ┝          |          | _            | <u> </u>     |          |
|          | 129   |          |          | _   | <u> </u>     | <u> </u>   | <u> </u> | _            | _            | $\vdash$ |
|          | 130   | -        |          |   | _            | <u> </u>   | <u> </u> | L            |              | Ш        |
|          | 131   |          |          |   | _            | _          | <u> </u> | _            | _            |          |
|          | 132   |          |          |   |              | _          | _        | L.           |              |          |
|          | 132<br>133<br>134   | Щ.       |          | Щ   | L.           |            | L_       | <u> </u>     | L            | Щ        |
|          | 134   |          |          |   |              | _          | L        | <u> </u>     | igspace      |          |
|          | 135   |          |          | Щ   | Щ            | L          | <u> </u> |              | L.           |          |
|          | 135<br>136<br>137   | $\Box$   |          | Ш   |              | Ш          |          | <u> </u>     |              | Ш        |
|          | 137   |          |          |   | Ш            |            | <u> </u> | <u> </u>     | $oxed{oxed}$ |          |
|          | 138<br>139  |          |          |   | L_           |            |          | L            | L            |          |
|          | 139   |          |          |   |              |            |          | 匚            |              |          |
|          | 140   |          |          |   |              |            |          | $\Box$       |              |          |
|          | 141   |          |          |   |              |            |          |              |              |          |
|          | 142   |          |          |   |              |            |          |              |              |          |
|          | 143   |          |          |   |              |            |          |              |              |          |
|          | 144   |          |          |   |              |            |          |              |              | ヿ        |
|          | 145   |          |          |   |              |            |          |              |              | $\neg$   |
|          | 146   |          |          |   |              |            |          |              |              | $\dashv$ |
|          | 147   | $\neg$   | $\neg$   |   |              |            |          | П            | Н            | $\dashv$ |
|          | 148   | $\dashv$ | $\neg$   |   | $\neg$       |            |          | Н            |              | $\dashv$ |
|          | 149   | $\dashv$ | $\neg$   |   |              | _          |          | Н            | $\dashv$     | $\dashv$ |
|          | 150   | $\dashv$ | -        | $\neg$  | $\dashv$     |            |          | $\vdash$     | $\dashv$     | $\dashv$ |
|          | 100   |          |          |   |              |            |          |              |              |          |